

Title (en)  
IMAGE FORMING DEVICE

Title (de)  
BILDERZEUGUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE FORMATION D'IMAGE

Publication  
**EP 3683175 A4 20210609 (EN)**

Application  
**EP 18819520 A 20180605**

Priority  
• JP 2017176517 A 20170914  
• JP 2018021584 W 20180605

Abstract (en)  
[origin: EP3683175A1] An image forming apparatus can prevent an apparatus main body from moving when a recording medium storing cassette is extracted from the apparatus main body. The image forming apparatus (1) has an apparatus main body (3), a recording medium storing cassette (10) extractable and insertable relative to one side face (3a) of the apparatus main body (3), and a manual feed tray (20) arranged swingably over the recording medium storing cassette (10) and arranged selectively in a first position, housed in the one side face (3a), or in a second position, open at a predetermined angle relative to the one side face (3a). The recording medium storing cassette (10) has a first side face (12a) constituting part of the exterior surface of the image forming apparatus (1) and a handle part (12b) provided in the first side face (12a). The manual feed tray (20) has a second side face (20a) constituting part of the exterior surface and arranged continuous with the first side face (12a). In a part over the handle part (12b), between the first side face (12a) and the second side face (20a), a supporting portion (30) in the apparatus main body (3) is arranged.

IPC 8 full level  
**B65H 1/26** (2006.01); **B65H 1/04** (2006.01); **B65H 11/00** (2006.01); **G03G 15/00** (2006.01)

CPC (source: EP US)  
**B65H 1/04** (2013.01 - EP US); **B65H 1/266** (2013.01 - EP US); **G03G 15/6505** (2013.01 - EP); **B65H 2402/60** (2013.01 - EP); **B65H 2405/115** (2013.01 - EP); **B65H 2405/12** (2013.01 - EP); **B65H 2405/31** (2013.01 - EP); **B65H 2405/324** (2013.01 - EP); **B65H 2407/21** (2013.01 - EP); **B65H 2801/06** (2013.01 - US); **B65H 2801/12** (2013.01 - EP)

Citation (search report)  
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• [X] US 2002164190 A1 20021107 - HILL SUNNY E [US]  
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• See also references of WO 2019053966A1

Designated contracting state (EPC)  
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**EP 3683175 A1 20200722**; **EP 3683175 A4 20210609**; CN 111615494 A 20200901; CN 111615494 B 20220506; JP 6583571 B2 20191002; JP WO2019053966 A1 20191107; US 11208277 B2 20211228; US 2021221632 A1 20210722; WO 2019053966 A1 20190321

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**EP 18819520 A 20180605**; CN 201880002150 A 20180605; JP 2018021584 W 20180605; JP 2018561741 A 20180605; US 201816305727 A 20180605